Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_\_

**Drops on a Penny Lab**



**Posing a Question:** How many drops do you think it will take to fit on a penny?

**Develop a Hypothesis:** The penny will fit \_\_\_\_\_ drops because…

**Design an Experiment**: Use an eye dropper to place drops of water on the penny one at a time until water falls over the edge. Record the number of drops it took before the water fell over the edge.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial 1 | Trial 2 | Trial 3 | Trial 4 | Mean/Average |
|  |  |  |  |  |

**Collect and Interpret Data:** Make a graph to show the results below. Make sure you title your graph.

**Drawing Conclusions:** Look at the results carefully. What do you think effected the results of this experiment?

**Communicate:** Share your results with others in our group.